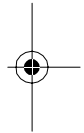
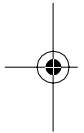


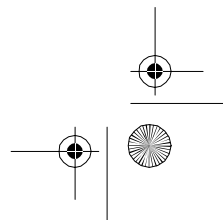
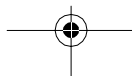
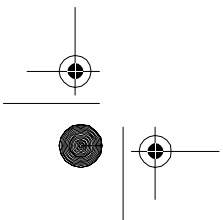
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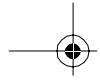
Please read before using this equipment.

Wireless Stereo Headphone System



OPTIMUS®





INTRODUCTION

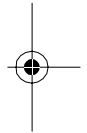
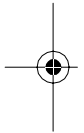


Your Optimus Wireless Stereo Headphone System uses an infrared light transmitter to send signals from an audio source (such as a TV or radio) to special headphones equipped with a built-in receiver. This frees you from the tangle of headphone wire running between your audio source and the headphones.

You can use the system in your home or office, up to 20 feet from the audio source, and you can set the sound level on each earpiece individually.

A special feature of this system is that, unlike many other cordless headphones, it provides full stereo sound. The system also allows you to recharge the batteries without a battery charger.

The system includes a transmitter, a stereo headphone receiver, two rechargeable AAA nickel-cadmium batteries, a Y-type phono plug adapter, and an AC adapter.

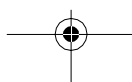


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THE FCC WANTS YOU TO KNOW

Your headphone system might cause TV or radio interference even when it is operating properly. To determine whether your headphone system is causing the interference, turn off your headphone system. If the interference goes away, your headphone system is causing the interference. Try to eliminate the interference by:

- Moving your headphone system away from the receiver.
- Connecting your headphone system to an outlet that is on a different electrical circuit from the receiver.
- Contacting your local RadioShack store for help.

If you cannot eliminate the interference, the FCC requires that you stop using your headphone system.

Warning: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

PREPARATION

Before you can use your headphone system, you must find a suitable location for its transmitter, make the necessary transmitter connections, then install and charge the headphone batteries.

PLACING THE TRANSMITTER

The transmitter sends out an infrared signal in a 30-degree, conical pattern. Since infrared light rays travel in a straight line, place the transmitter at the same height or slightly higher than the expected height of the headphone receiver.

Illust.

CONNECTING THE TRANSMITTER TO YOUR AUDIO SOURCE

You can connect the transmitter to your audio source's stereo headphone jack or to separate left and right audio output jacks (if available). If you connect to audio output jacks, you can use the headphone system's volume control to adjust the volume without turning up your audio source.

To connect the transmitter to your audio source's stereo headphone jack, insert the transmitter's built-in $\frac{1}{8}$ -inch plug into the audio source's $\frac{1}{8}$ -inch stereo headphone jack.

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Notes:

- Since sunlight also contains infrared light, avoid placing the system outdoors, near a window, or any place where the light might prevent optimum transmission.
- Do not point the transmitter directly toward a window. The infrared signals do not reflect well and reception might be poor.
- Do not place any object between the transmitter and the receiver that might block the infrared transmission.

To connect the transmitter to your audio source's audio output jacks, insert the transmitter's built-in $\frac{1}{8}$ -inch plug into the supplied Y-type phono plug adapter, then connect the red plug to the audio source's right audio output jack and connect the white plug to the left audio output jack.

Illust.
showing
connection
of $\frac{1}{8}$ -inch
plug to
Y-type
adapter

CONNECTING THE TRANSMITTER TO POWER

To power the transmitter, insert the supplied AC adapter's barrel plug into the **19V 200mA** jack on the back of the transmitter. Then plug the adapter's other end into a standard AC outlet.

Cautions:

- Do not leave the adapter plugged into the AC outlet when the barrel plug is not plugged into the transmitter.
- The supplied AC adapter supplies 19 volts and delivers at least 200 milliamps. Its center tip is set to negative and its plug correctly fits the transmitter's **19V 200mA** jack. Using an adapter that does not meet these specifications could damage the transmitter or the adapter.

INSTALLING THE HEADPHONES' BATTERIES

To power the headphone receiver, follow these steps to install the two supplied AAA nickel-cadmium batteries, one in each earpiece.

1. Remove each battery compartment cover by pushing in the tab and pulling up the cover in the direction of the arrow.

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2. Place one battery in each ear-piece compartment, as indicated by the polarity symbols (+ and -) inside the compartment.

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3. Replace the covers.

Notes:

- If you do not plan to use the headphones for a month or more, remove and store the batteries.
- If the batteries will not hold a charge, replace them. We recommend RadioShack Cat. No. 23-127.

Caution: Use only rechargeable nickel-cadmium batteries. Do not use non-rechargeable batteries.

Important: At the end of the batteries' useful life, the rechargeable nickel-cadmium batteries must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area. Some options that might be available are: municipal curbside collection, drop-off boxes at retailers, recycling collection centers, and mail-back programs.

CHARGING THE HEADPHONES' BATTERIES

You must charge the batteries at least 14 hours before you use the system the first time or when you replace the batteries.

Follow these steps to charge the batteries.

1. Set the transmitter's **POWER** switch to **OFF (CHARGE)**.

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2. Set the headphone receiver's **ON/OFF** switch to **OFF**.

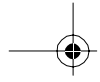
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3. Insert the plug of the transmitter's headset charging cord into the **CHARGE** jack on the left earpiece of the headphone receiver. The charging indicator behind the window on the front of the transmitter lights.

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Note: If the charging indicator does not light or blinks continuously when you set the **ON/OFF** switch on the headphone receiver to **OFF** and the **POWER** switch on the transmitter to **OFF (CHARGE)**, be sure the charging cord and AC adapter are correctly and securely connected.

4. When you finish charging the headphone batteries, be sure to disconnect the charging cord.



OPERATION

LISTENING SAFELY

To protect your hearing, follow these guidelines when you use headphones.

- Since a pop sounds each time you turn the headphones on and off, always turn on the headphone receiver before putting the headphones on your head and always remove the headphones from your head before you turn them off.
- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

USING THE SYSTEM

1. Turn on your audio source and adjust its volume control to the minimum position.
2. Set the transmitter's **POWER** switch to **ON**.

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Caution: The transmitter's surface heats slightly during operation. Do not touch the transmitter's surface while it is on.

3. Set the headphone receiver's **ON/OFF** switch to **ON**.

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4. Rotate **VOL.** on each earpiece to the minimum position.

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5. Put on the headphone receiver. If necessary, adjust the headphone receiver's size by pulling down or pushing up on each end.

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If you connected the transmitter to a headphone jack, set the audio source's volume control to a level that causes the audio input indicator to flicker brightly. Then adjust **VOL.** on each earpiece to a comfortable listening level.

Notes:

- If the audio source's volume level is too high, the audio input indicator lights steadily and the sound is distorted.
- If the audio source's volume level is not high enough, the audio input indicator does not light at all and the sound quality might not be clear.

7. To turn off the system, remove the headphones from your head, then set **ON/OFF** on the headphone receiver to **OFF**, and **POWER** on the transmitter to **OFF (CHARGE)**.

Note: Be sure to turn off the system when you are not using it, so your nickel-cadmium batteries will last as long as possible.

6. If you connected the transmitter to audio output jacks, adjust **VOL.** on each earpiece to a comfortable listening level.

MAINTENANCE

Your Optimus Wireless Stereo Headphone System is an example of superior design and craftsmanship. The following suggestions will help you care for your system so you can enjoy it for years.



Keep the system dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the system only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Keep the system away from dust and dirt, which can cause premature wear of parts.



Handle the system gently and carefully. Dropping it can damage circuit boards and cases and can cause the system to work improperly.



Use only fresh batteries of the required size and type. Batteries can leak chemicals that damage your system's electronic parts.



Wipe the system with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the system.

Modifying or tampering with the system's internal components can cause a malfunction and might invalidate your system's warranty and void your FCC authorization to operate it. If your system is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

Transmission Mode Infrared (900 nm) Frequency Modulation
Operation Voltage Transmitter: 19 V AC Adapter
Headphone Receiver: Two AAA Ni-Cd Batteries
Frequency Response 30–6000 Hz
Distortion 2.5%
S/N Ratio 40 dB (13¹/₈ Feet or 4 Meters)
Maximum Operation Distance 20 Feet (6 Meters)
Dimensions (HWD) Transmitter: 8¹¹/₁₆ × 4⁷/₈ × 2³/₈ Inches
(220 × 125 × 60 mm)
Headphone Receiver: 7⁵/₁₆ × 6¹/₂ × 2¹⁵/₁₆ Inches
(185 × 165 × 75 mm)
Weight Transmitter: 8.1 oz
(229 g)
Headphone Receiver: 6.7 oz
(189 g)
Included Accessories AC Adapter,
Dual Y-Type Phono Plugs to ¹/₈-Inch Stereo Jack Audio Adapter

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

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